ABSTRACT OF THE DISCLOSURE

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In a cooling unit for an engine comprising a cylinder block 1 having a water jacket 4 which opens into the surface of the cylinder block 1 and which circulates a cooling water in surrounding relationship with a cylinder bore, and a gasket 11 held sandwiched between the cylinder head and the cylinder block 1 to seal therebetween, the gasket 11 is provided with a control board 21 which project into the water jacket 4 for controlling a flow of the cooling water, the control board 21 being formed to be arcuate in conformity to the profile of the water jacket 4 and disposed toward the intake port.